	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10454-019001	Application No. 10/004,580
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Kemal Sonmez et al.	
			Filing Date December 3, 2001	Group Art Unit 2621

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>JA</i>	BA	6,314,434 B1	11/06/01	Shigemi et al.	707	203	—
<i>JA</i>	BB	5,873,052	02/16/99	Sharaf	702	20	—
<i>JA</i>	BC	5,701,256	12/23/97	Marr et al.	702	20	—
<i>JA</i>	BD	5,568,563	10/22/96	Tanaka et al.	382	144	—
	BE						
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	BL							
	BM							
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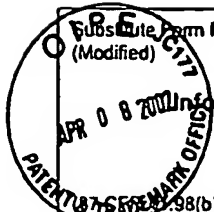
Other Documents (include Author, Title, Date, and Place of Publication)		
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	BQ	
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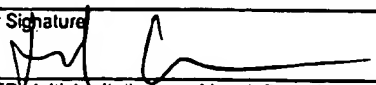
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	Applicant Kemal Sonmez, et al			
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
db	AA	6,128,587	10/03/2000	Sjolander	703	2	—
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Foreign Patent Documents or Published Foreign Patent Applications							
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
db	AE	Baldi, P. et al., "Hidden Markov Models of Biological Primary Sequence Information", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 1059-1063; February 1994.
	AF	Barrett, C. et al. "Scoring Hidden Markov Models". <i>CABIOS</i> , Vol. 13, No. 2, pp. 191-199; 1997.
	AG	Brakch, N. et al. "Favourable Side-Chain Orientation of Cleavage Site Dibasic Residues of Prohormone in Proteolytic Processing by Prohormone Convertase 1/3", <i>Eur. J. biochem.</i> Vol. 267, pp. 1626-1632; 2000.
	AH	Brown, M. et al., "Using Dirichlet Mixture Priors to Derive Hidden Markov Models for Protein Families", <i>Proc. of First Int. Conf. on Intelligent Systems for Molecular Biology</i> , pages 47-55, Menlo Park, CA, July 1993. AAAI/MIT Press.
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	AK	Chou, K-C. et al., "Studies on the Specificity of HIV Protease: An Application of Markov Chain Theory", <i>Journal of Protein Chemistry</i> , Vol. 12, No. 6, pp. 709-724; 1993.
	AL	Chou, K-C., "Prediction of Human Immunodeficiency Virus Protease Cleavage Sites in Protein", <i>Analytical Biochemistry</i> Vol. 233, pp. 1-14; 1996.
	AM	Chou, K-C. et al., "Predicting Human Immunodeficiency Virus Protease Cleavage Sites in Proteins by a Discriminant Function Method", <i>Proteins: Structure, Function, and Genetics</i> Vol. 24, pp. 51-72; 1996.
	AN	Eddy, SR., "Hidden Markov Models", <i>Current Opinion in Structural Biology</i> , Vol. 6, pp. 361-365, 1996.
	AO	Eddy, SR., "Profile Hidden Markov Models", <i>Bioinformatics</i> , Vol. 14, review of HMMs 1998.
	AP	Eddy, SR. et al., "Maximum Discrimination Hidden Markov Models of Sequence Consensus", <i>J. Computational Biology</i> Vol. 2 pp. 9-23, 1994.
db	AQ	Eddy, SR., "Multiple Alignment Using Hidden Markov Models", <i>Proc. Third Int. Conf. Intelligent Systems for Molecular Biology.. AAAI Press, Menlo Park.</i> pp. 114-120. PostScript; 1995.

Examiner Signature 	Date Considered 2-17-05
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